

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1-6. (Canceled)
7. (Currently Amended) A transmission apparatus comprising:  
a first main gear rotationally attached to a support and capable of being driven by a first drive;  
a second main gear ~~being coaxial to the first main gear coaxially~~ and rotationally attached to the first main gear, the second main gear geared to a roller drive gear and ~~capable of~~ being driven by a second gear;  
a linear drive in which an elongated device ~~may be~~ is engaged along an axis of rotation of the elongated device, the linear drive coupled to the first main gear, ~~such that~~ when the first main gear is rotated, the elongated device is rotated about the elongated device's axis of rotation, the linear drive being geared to the roller drive gear, ~~such that~~ when the second main gear is rotated the linear drive imparts linear motion to the elongated device.
8. (Original) The apparatus of claim 7, wherein the first drive and the second drive transmit power to the first main gear and the second main gear respectively via drive screws.
9. (Original) The apparatus of claim 7, wherein the first drive and the second drive are motors.
10. (Original) The apparatus of claim 7, wherein the first main gear and the second main gear are each provided with a slot to enable lateral insertion or removal of the elongated device.
11. (Previously Presented) The apparatus of claim 10, further comprising a position sensor configured to allow automated alignment of the slots for insertion or removal of the elongated device.